

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2004-075773
(43)Date of publication of application : 11.03.2004

(51)Int.Cl. C08B 37/00
B01J 20/26
B01J 20/28
B01J 20/30

(21)Application number : 2002-235713 (71)Applicant : UNITIKA LTD
(22)Date of filing : 13.08.2002 (72)Inventor : NAKAI YOSHIO
KAWANAKA SATOSHI
WADA SATOKO

(54) PRODUCTION METHOD FOR ABSORBENT MATERIAL

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing a biodegradable absorbent material excellent in blood absorption capability and in physiological saline or urine absorption capability and a method for producing an absorbent material improved in capability for repeated absorption necessary for an absorbent material for absorbing a viscous liquid (e.g. blood) or urine.

SOLUTION: The method for producing the absorbent material comprises cross-linking galactomannan by the addition of a trivalent or higher polyvalent ion of boron and a metal other than boron, crushing the resultant hydrogel in a hydrophilic solvent, adding the polyvalent metal ion if necessary, and heating the crushed liquid.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]